

William Svoboda

Software Engineer

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Education

Princeton University

A.B. in Computer Science (3.36 GPA)

Coursework in Object Oriented Software Development, Advanced Programming Techniques, and Database Systems

PRINCETON, NEW JERSEY

Expected May 2022

University of Melbourne

Study Abroad (3.85 Semester GPA)

MELBOURNE, AUSTRALIA

Spring 2020

Experience

LitView

Founding Engineer

- Engineered novel research platform (litview.co) using React and Flask
- Utilized scrum workflow to ensure continuous development
- Collaborated with executive, design, and legal teams to realize company vision

REMOTE

June '20 – July '21

Princeton Summer Programming Experience

Summer Intern

- Designed and developed a substantive application using the Unity game engine
- Presented project as part of program capstone

PRINCETON, NEW JERSEY

June '19 – July '19

A complete list of work experience is available at [linkedin.com/in/williamsvoboda](https://www.linkedin.com/in/williamsvoboda).

Projects

“Teaching Graph Traversal Visually”

- Designed assignment in Python to teach search algorithms
- Developed interactive visualizer and autograder
- Evaluated project with real students as part of spring independent work

Spring '21

Course Websites

- Created website framework for Princeton classes using the [Eleventy](https://www.eleventy.org) static site generator
- Directed team of three students using Agile project management

Spring '21

“Improving the Marching Cubes Algorithm”

- Extended the marching cubes algorithm to real-time terrain deformation
- Compiled a significant written report as part of fall independent work

Fall '20

Awards

Army ROTC Scholarship

- Competitive four-year scholarship awarded for merit and grades

Fall '18

Eagle Scout Award

- Awarded for extensive service project in local community

Fall '15

Skills

Programming Languages: Java (*Proficient*), Python (*Proficient*), JavaScript (*Proficient*), SQL (*Familiar*)

Frameworks & Tools: Flask (*Proficient*), React (*Proficient*), Git (*Proficient*)

Natural Languages: English (*Native*), Spanish (*Proficient*), French (*Elementary Proficiency*)